

Amendment and Response under 37 C.F.R. 1.116

Applicant: Dan Scott Johnson

Serial No.: 10/808,136

Filed: March 24, 2004

Docket No.: 200207099-1

Title: AUDIO/VIDEO COMPONENT NETWORKING SYSTEM AND METHOD

IN THE CLAIMS

Please cancel claim 29 without prejudice.

Please amend claims 12 and 17 as follows:

1. (Previously Presented) An audio/video (A/V) component networking system, comprising:
 - a sink component adapted to be communicatively coupled between a source component and a presentation device for displaying A/V program data and an A/V menu data stream associated with the source component on the presentation device based on a user request transmitted from the sink component to the source component; and
 - a data manager adapted to identify related A/V program data and automatically transfer the A/V program data and the related A/V program data between a memory and an archival storage system based on a sequential relationship of the A/V program data and the related A/V program data, wherein an earlier of the A/V program data and the related A/V program data is stored in the memory, and a later of the A/V program data and the related A/V program data is stored in the archival storage system.
2. (Previously Presented) The system of Claim 1, wherein the sink component is adapted to automatically change from a selected type of communication network to another type of communication network based on a type of the source component or a type of the A/V program data.
3. (Original) The system of Claim 1, wherein the sink component comprises a registration module adapted to register a type of communication network for communication with the source component.
4. (Original) The system of Claim 1, wherein the sink component comprises a registration module adapted to register the source component with the sink component.

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5. (Original) The system of Claim 1, wherein the sink component is adapted to present to the user a listing of the A/V program data available from the source component.
6. (Original) The system of Claim 1, wherein the sink component comprises a registration module adapted to register the presentation device with the sink component.
- 7-8. (Cancelled)
9. (Original) The system of Claim 1, wherein the sink component is adapted to present to the user on the presentation device a listing of the A/V program data available from the source component.
10. (Original) The system of Claim 1, wherein the sink component is adapted to decode the A/V program data for presentation on the presentation device.
11. (Original) The system of Claim 1, wherein the sink component is adapted to display to the user via the presentation device a menu interface associated with the source component.
12. (Currently Amended) An audio/video (A/V) component networking system, comprising:
- means for transmitting, via a sink component communicatively coupled between a source component and a presentation device, A/V program data and an A/V menu data stream from the source component to the presentation device based on a user request transmitted from the sink component to the source component; and
 - means for identifying related A/V program data and automatically transferring the A/V program data and the related A/V program data between a memory and an archival storage system based on a sequential relationship of the A/V program data and the related A/V program data, wherein an earlier of the A/V program data and the related A/V program data is stored in the memory, and a later of the A/V program data and the related A/V program data is stored in the archival storage system.

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13. (Cancelled)

14. (Previously Presented) The system of Claim 12, further comprising means for automatically selecting at least one of a plurality of different types of communication networks for communicating between the sink component and the source component based on a type of the source component or a type of the A/V program data.

15. (Original) The system of Claim 12, further comprising means for performing a registration operation to register each available type of communication network for communicating the source component.

16. (Original) The system of Claim 12, further comprising means for performing a registration operation to register the source component with the sink component.

17. (Currently Amended) An audio/video (A/V) networking method, comprising:
transmitting, via a sink component communicatively coupled between a source component and a presentation device, A/V program data and an A/V menu data stream from the source component to the presentation device based on a user request transmitted from the sink component to the source component; and
identifying related A/V program data and automatically transferring the A/V program data and the related A/V program data between a memory and an archival storage system based on a sequential relationship of the A/V program data and the related A/V program data, wherein an earlier of the A/V program data and the related A/V program data is stored in the memory, and a later of the A/V program data and the related A/V program data is stored in the archival storage system.

18. (Cancelled)

19. (Previously Presented) The method of Claim 17, further comprising automatically changing from a selected type communication network to another type of communication

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Docket No.: 200207099-1

Title: AUDIO/VIDEO COMPONENT NETWORKING SYSTEM AND METHOD

network for communicating between the sink component and the source component based on a type of the source component or a type of the A/V program data.

20. (Cancelled)

21. (Original) The method of Claim 17, further comprising automatically registering at least one of a plurality of different types of communication networks with the sink component.

22. (Original) The method of Claim 17, further comprising filtering a listing of the A/V program data available from the source component based on a format of the A/V program data.

23. (Original) The method of Claim 17, further comprising filtering a listing of the A/V program data available from the source component based on a type of the presentation device.

24. (Original) The method of Claim 17, further comprising decoding the A/V program data for presentation on the presentation device.

25. (Original) The method of Claim 17, further comprising displaying a menu interface associated with the source component.

26. (Previously Presented) An audio/video (A/V) component networking system, comprising:

a sink component configured to be communicatively coupled between a plurality of source components and a presentation device for displaying an aggregated listing of available A/V program data associated with the plurality of source components on the presentation device such that the location of the A/V program data remains transparent to the user; and

a data manager adapted to automatically transfer the available A/V program data between a memory and an archival storage system based on a sequential relationship of the

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Applicant: Dan Scott Johnson

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Docket No.: 200207099-1

Title: AUDIO/VIDEO COMPONENT NETWORKING SYSTEM AND METHOD

available A/V program data, wherein earlier A/V program data is stored in the memory and later A/V program data is stored in the archival storage system.

27. (Previously Presented) The system of Claim 26, wherein the sink component is configured to automatically switch from a first type of communication network to a second type of communication network based on a signal condition on the first type of communication network.

28. (Previously Presented) The system of Claim 26, wherein the sink component is configured to automatically switch from a first type communication network to a second type of communication network based on a change in the A/V program data being transmitted from the source component.

29-33. (Cancelled)

34. (Previously Presented) The system of Claim 1, wherein the sequential relationship of the A/V program data and the related A/V program data is based on a recordation time or receipt time of the A/V program data and the related A/V program data.

35. (Previously Presented) The system of Claim 1, wherein the sequential relationship of the A/V program data and the related A/V program data is based on a presentation time of the A/V program data and the related A/V program data to a user.

36. (Previously Presented) The system of Claim 1, wherein, upon presentation of the A/V program data to a user, the data manager is adapted to extract next sequential A/V program data from the archival storage system and store the next sequential A/V program data in the memory.

37. (Previously Presented) The method Claim 17, wherein the sequential relationship of the A/V program data and the related A/V program data is based on a recordation time or receipt time of the A/V program data and the related A/V program data.

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38. (Previously Presented) The method Claim 17, wherein the sequential relationship of the A/V program data and the related A/V program data is based on a presentation time of the A/V program data and the related A/V program data to a user.

39. (Previously Presented) The method Claim 17, further comprising, upon presentation of the A/V program data to a user, extracting next sequential A/V program data from the archival storage system and storing the next sequential A/V program data in the memory.